

ATTORNEY DOCKET NO.
13647.0003

PATENT
Customer ID No. 33649

Amendments to the Claims:

This listing of the claims will replace all prior versions, and listings, of claims in the application:

1. (CURRENTLY AMENDED) A system for programming point of sale devices comprising:

[[a]] device programming ~~system operable to program~~ means for programming a plurality of point of sale devices;

[[a]] communications interface means coupled to the device programming system, the communications interface ~~operable to receive~~ means for receiving update requests from the plurality of devices; and

wherein the plurality of devices includes devices having proprietary operating systems from two or more different manufacturers.

2. (CURRENTLY AMENDED) The system of claim 1 wherein the device programming ~~system~~ means further comprises ~~has a~~ device update file means for updating each of the plurality of point of sale devices.

3. (CURRENTLY AMENDED) The system of claim 1 wherein the device programming ~~system~~ means further comprises [[has a]] device update file means for updating each of a plurality of classes of point of sale devices.

4. (CURRENTLY AMENDED) The system of claim 1 wherein the device programming ~~system~~ means further comprises [[a]] polling ~~system operable to poll~~ means for polling each of the point of sale devices.

Claims 5 and 6 have been cancelled.

7. (CURRENTLY AMENDED) The system of claim 1 wherein the device programming ~~system~~ means further comprises [[a]] device setup ~~system operable to set~~ means for setting the plurality of point of sale devices for use.

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8. (CURRENTLY AMENDED) The system of claim 1 wherein the device programming ~~system~~ means further comprises ~~[[a]] device update system operable to provide means for providing~~ configuration data updates to the plurality of point of sale devices.

9. (CURRENTLY AMENDED) The system of claim 1 wherein the device programming ~~system~~ means further comprises ~~[[a]] device analytical system operable to perform~~ means for performing troubleshooting for the plurality of point of sale devices.

10. (ORIGINAL) A method for programming point of sale devices comprising:
receiving a programming request for a point of sale device;
determining which of two or more proprietary operating systems is used by the point of sale device; and
transmitting the programming request to the point of sale device based on the proprietary operating system used by the point of sale device.

11. (ORIGINAL) The method of claim 10 wherein receiving the programming request for the point of sale device comprises receiving a device setup command from the point of sale device.

12. (ORIGINAL) The method of claim 10 wherein receiving the programming request for the point of sale device comprises receiving a device update command from the point of sale device.

13. (ORIGINAL) The method of claim 10 wherein receiving the programming request for the point of sale device comprises receiving a polling command from a device update controller.

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14. (ORIGINAL) The method of claim 10 wherein determining which of two or more proprietary operating systems is used by the point of sale device comprises retrieving a file associated with the point of sale device.

15. (ORIGINAL) The method of claim 10 wherein transmitting the programming request to the point of sale device based on the operating system comprises transmitting the programming request over a public switched telephone network.

16. (ORIGINAL) The method of claim 10 wherein transmitting the programming request to the point of sale device based on the operating system comprises transmitting the programming request over an Internet.

17. (CURRENTLY AMENDED) A method for managing a plurality of point-of-sale devices comprising:

storing a file for each of a plurality of operating systems, where any of the operating systems can be associated with one or more of each point of sale device, each file containing device operating commands;

retrieving one of the files in response to a programming request for a corresponding device after an operating system for the corresponding device has been determined; and transmitting the file to the corresponding device.

18. (CURRENTLY AMENDED) The method of claim 17 wherein storing the file for each ~~point-of-sale device~~ each of a plurality of operating systems comprises:

creating two or more classes of files for the point of sale devices based upon the proprietary operating systems used by the point of sale devices;

creating at least one class of rules for the point of sale devices based upon the users of the point of sale devices;

applying the class of rules to the two or more classes of files; and

storing each file for each point of sale device.

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19. **(ORIGINAL)** The method of claim 17 wherein retrieving one of the files in response to the programming request for the corresponding device comprises:

- extracting a point of sale device identifier from the programming request;
- locating a data file associated with the point of sale device identifier; and
- retrieving the data file.

20. **(ORIGINAL)** The method of claim 17 wherein retrieving one of the files in response to the programming request for the corresponding device further comprises receiving the programming request from the point of sale device.

21. **(PREVIOUSLY PRESENTED)** The method of claim 10 wherein transmitting the programming request to the point of sale device based on the proprietary operating system used by the point of sale device further comprises:

- selecting a template for the point of sale device; and
- imposing configuration constraints on the templates based upon a type of credit card that is used at the point of sale device.

22. **(PREVIOUSLY PRESENTED)** The method of claim 10 wherein transmitting the programming request to the point of sale device based on the proprietary operating system used by the point of sale device further comprises:

- determining that a change in a business entity has occurred for a point of sale device;
- selecting a template for the point of sale device;
- determining whether to modify the template to include changing a telephone number for the point of sale device based on the change in business entity;
- determining whether to modify the template to include changing a list of allowable cards based on the change in business entity;
- determining whether to modify the template to include changing a merchant number based on the change in business entity;
- determining whether to modify the template to include changing an address based on the change in business entity;

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determining whether to modify the template to include enabling program modules based on the change in business entity;

determining whether to modify the template to include disabling program modules based on the change in business entity;

determining whether to modify the template to include enabling loyalty card programs based on the change in business entity;

determining whether to modify the template to include disabling loyalty card programs based on the change in business entity;

determining whether to modify the template to include enabling frequent buyer card features based on the change in business entity;

determining whether to modify the template to include disabling frequent buyer card features based on the change in business entity;

determining whether to modify the template to include modifying authorization host features in response to call swipes based on the change in business entity; and

determining whether to modify the template to include modifying credit card reversal of transaction features based on the change in business entity.